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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number 10/616,228

Filing Date July 8, 2003

First Named Inventor Chee

Group Art Unit 1631

Examiner Name Whaley, P. S.

Total Number of Pages in This Submission

7

Attorney Docket Number

018547-008213US

ENCLOSURES (check all that apply)☒ Fee Transmittal Form (orig. + 1 cc.)☐ Fee Attached☐ Amendment / Response☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement
with SB08A and SB08B☐ Certified Copy of Priority
Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition Routing Slip (PTO/SB/69)
and Accompanying Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s)☐ After Allowance Communication to
Group☐ Appeal Communication to Board of
Appeals and Interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
(please identify below):

1. Return Receipt Postcard

2. Five (5) references

Remarks

The Commissioner is authorized to charge any additional fees to
Deposit Account 20-1430.Total number of pages does not include cited references.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

and

Individual name

Townsend and Townsend and Crew LLP

Daniel Mao

Reg No. 51,995

Signature

Date

May 12, 2006

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

May 31, 2006

Typed or printed name

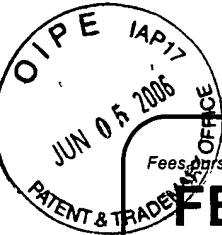
Christopher R. Fitting

Signature

Date

May 31, 2006

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 60772180



Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number	10/616,228
Filing Date	July 8, 2003
First Named Inventor	Chee
Examiner Name	Whaley, P. S.
Art Unit	1631
Attorney Docket No.	018547-008213US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**

_____ -20 or HP = _____ x \$ _____ = \$0 **Fee (\$)** **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ -3 or HP = _____ x \$ _____ = \$0

HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**

_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Information Disclosure Statement (after office action)

Fees Paid (\$)

180.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 51,995	Telephone (650) 326-2400
Name (Print/Type)	Daniel Mao		Date May 12, 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

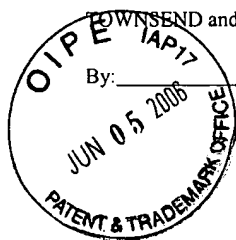
PATENT
Attorney Docket No.: 018547-008213US
Client Reference No.: 1091.1C US

On

5/31/06

TOWNSEND and TOWNSEND and CREW LLP

By:



[Handwritten signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Chee et al.

Application No.: 10/616,228

Filed: July 8, 2003

For: COMPUTER-AIDED
VISUALIZATION AND ANALYSIS
SYSTEM FOR SEQUENCE
EVALUATION

Confirmation No.: 1818

Examiner: Whaley, P. S.

Art Unit: 1631

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

06/06/2006 CNEGAI 00000057 201430 10616228

01 FC:1806 160.00 DA

Applicant draws examiners attention to commonly owned, pending application no. 08/584,754, filed January 9,1996 (Attorney Docket No. 018547-008230US).

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Daniel Mao
Reg. No. 51,995

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
DM:crf



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/616,228
				Filing Date	July 8, 2003
				First Named Inventor	Chee
				Art Unit	1631
				Examiner Name	Whaley, P. S.
Sheet	2	of	2	Attorney Docket Number	018547-008213US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	AK	DRMANAC et al., "Miniaturization of Sequencing by Hybridization (SBH): a novel method for genome sequencing," and "Algorithm for Sequence Generation from K-tuple word content," abstracts only from Wolf Trap Genome Sequencing Conference, 1989.	<input type="checkbox"/>	
	AL	DRMANAC et al., "Partial Sequencing of Random cDNA Clones by Hybridizations of Short Oligonucleotides: Making a Gene Inventory," and "Towards Genomic DNA Sequencing Chip Based on Oligonucleotide Hybridization," abstracts only, pages 52-53 from Genome and Sequencing Conference, Cold Spring Harbor Laboratory, 5/2-6/90.	<input type="checkbox"/>	
	AM	DRMANAC et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," <u>Scientia Yugoslavia</u> , 16(1-2):97-107 (1990).	<input type="checkbox"/>	
	AN	DRMANAC et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program?," <u>Proc. First Int'l Conf on Electrophoresis, Supercomputing and the Human Genome</u> , pages 47-59, held 4/10-13/90 in Tallahassee, FL.	<input type="checkbox"/>	
	AO	Illumina, Inc.'s First Amended Answer and Counterclaims in Civil Action 04-901 JJF.	<input type="checkbox"/>	

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.